REMARKS

Reconsideration and allowance in view of the foregoing Amendment and the following Remarks is earnestly requested. Claims 5 and 30 have been cancelled, and claims 1-4, 6-29, and 31-60 are currently pending.

The Examiner has objected to claim 5 as having misspelling. Claim 5 has been cancelled. The applicants have reviewed the Specification and appropriate amendments have been made to correct minor typographical errors. No new matter is entered by this amendment.

In the Office Action, claims 1-7, 9-15, 17-31, 33-40, 42-43, 46-51, 54-55, 58 and 60 were rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent No. 5,627,829 to Gleeson et al. Applicants have amended independent claims 1, 19, 21, 25, 47, 55 and 60 to overcome the rejection. The present invention is directed to a method and apparatus of reducing the overhead of the wireless link by the elimination on one side of the wireless link of protocol headers from the wireless link. Applicants achieve this by removing information including destination information from the header. This information is removed as it is no longer needed to make the connection with the destination. This information is not replaced by any other information and therefore reduces the size of the packet.

On the other hand, Gleeson discloses leaving the full standard protocol layers left unmodified and still resident in the two endnodes performing the communication. Gleeson achieves its objectives by compressing the transport and network protocol layer headers through the removal of redundant or static information found within those headers.

In order to illustrate the difference between the present invention and that disclosed by Gleeson, applicants have amended the independent claims to indicate the missing socket information contains information needed to identify the destination.

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Gleeson does not delete any information needed to make the connection; rather it compresses information by deleting redundant or static information. It is the very nature of data compression to delete unneeded information but to retain information needed to make a connection.

In addition, applicants note that the passages within Gleeson cited by the Examiner to illustrate how the reference anticipates the present invention do not disclose the present invention but actual demonstrate the opposite of the present invention. The passages cited by the Examiner state that Gleeson retains the socket fields and socket addresses as a part of the header. See, e.g. Gleeson column 15, line 65 to column 16, line 23. ("Destination and source addresses are also present including a destination network address 1508, a destination node address 1510, a destination socket address 1512, a source network address 1514, a source node address 1518, a source socket address 1520 and two ID addresses 1522 and 1524.") As stated above, the present invention eliminates the socket information. Based on the differences between the subject matter claimed in independent claims 1, 19, 21, 25, 47, 55 and 60, applicants respectfully submit that these claims are not anticipated by Gleeson and request that the rejection under Section 102(b) be withdrawn. In addition, applicants request that the Section 102(b) rejections to claims 2-4, 6-7, 9-15, 17-18, 20-29, 31, 33-40, 42-43, 46, 48-51, 54 and 58 be withdrawn as these claims depend on the amended independent claims.

The Examiner also rejected claims 8, 16, 32, 41, 44, 45, 52, 56, 57 and 59 under 35 U.S.C. § 103(a) as being unpatentable over Gleeson in view of United States Patent Application No. 2002/0091860 to Kalliokulju. As stated above, applicants have amended independent claims 1, 25, 47 and 55 to state that the present invention is directed to having headers with missing information concerning the destination of the desired connection. With respect to claims 8, 16, 32, 41, 44, 45, 52, 53, and 56 the Examiner states that Kalliokulju packet convergence protocol (PDCP) context. For claim 57, the Examiner states that Kalliokulju teaches each of the first network stack and the second network stack further comprising a radio link control. For claim 59, the Examiner states that Kalliokulju teaches a third communication device comprising a relay. Kalliokulju

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does not disclose making a connection as claimed by applicants. In particular, Kalliokulju does not disclose having headers with missing information concerning the destination of the desired connection. Accordingly, applicants respectfully submit that the combination of Gleeson and Kalliokulju does not teach or suggest the present invention. Applicants respectfully request that the rejection under Section 103(a) be withdrawn.

As the applicants have overcome all substantive rejections and objections given by the Examiner and have complied with all requests properly presented by the Examiner, the applicants contend that this Amendment, with the above discussion, overcomes the Examiner's objections to and rejections of the specification pending claims. Therefore, the applicants respectfully solicit allowance of the application. If the Examiner is of the opinion that any issues regarding the status of the claims remain after this response, the Examiner is invited to contact the undersigned representative to expedite resolution of the matter.

Respectfully submitted,
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